## INTERNATIONAL SEARCH REPORT

Internetic aplication No PCT/Gu U2/04581

A. CLASSIFICATIPC 7 H	TION OF SUBJECT MATTER 0583/28

According to International Patent Classification (IPC) or to both national classification and IPC

## B. RELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols) IPC = 7 - H05B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical search terms USEO)

EPO-Internal, WPI Data, PAJ

Category *	Citation of document, with indication, where appropriate, of the celevant passages	Relevant to claim No.
X	US 5 657 532 A (TURVEY SIMON P ET AL) 19 August 1997 (1997-08-19) column 2, line 29 -column 2, line 39 column 2, line 50 -column 2, line 52; claim 1; figures	1-17
A	US 6 137 089 A (PRAGT JOHAN ET AL) 24 October 2000 (2000-10-24) column 2, line 37 -column 3, line 50; claim 1; figures 1,2	1-3,8,9
A	US 6 121 586 A (DOYLE KEITH BARRIE ET AL) 19 September 2000 (2000-09-19) column 3, line 8 - line 16; claim 1; figures 4,5 -/	1-3,8,9

Further documents are listed in the continuation of box C.	Y Petern family members are listed in annax.
*Special estegories of cited documents:  *A* document defining the general state of the last which is not considered to be of particular relevance.  *E* series document but published on or after the international filling date.  *U* document Witch may throw doubts on priority etalin(s) or which is cited to establish the publication date of another citation or other special reason (as specified).  *O* document referring to an oral disclosure, use, exhibition or other means.  *P* document published prior to the international filling date but later than the priority date claimed.	"I" tater document published after the international filing date or priority data and not in conflict with the application but cled to understand the principle or theory underlying the invention  "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken stone  "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person sidilar in the art.  "A" document member of the same patent family
Date of the actual completion of the international search	Date of mailing of the informational search report
3 February 2003	10/02/2003
Name and mailing address of the ISA	Authorized officer
European Patent Office, P.B. 5918 Patentisan 2 NL - 2280 HY Figwijk Tet. (+31-70) 340-2040, Tx. 31 651 epo nl, Faz: (+31-70) 340-3016	De Terlizzi, M

INTERNATIONAL SEARCH REPORT

Internetic application No PCT/6u u2/04581

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A	US 5 998 049 A (FUKUDA JUN ET AL) 7 December 1999 (1999-12-07) column 2, line 29 -column 3, line 53; figures 1A,1B,2	1,9				
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